

CLAIM AMENDMENTS

1 1. (currently amended) A method of browsing content
2 available on a communication network, the method comprising the
3 steps of:

4 providing a navigation tree comprising a semantic,
5 hierarchical structure [[,]] and having one or more paths
6 associated with content of a conventional markup language document
7 and a grammar comprising vocabulary including one or more keywords;
8 receiving a request in form of speech to access the
9 content;

10 determining if the speech request for accessing the
11 content includes one of the keywords of the vocabulary to find a
12 match therewith; and

13 responsive to the request, traversing a path in the
14 navigation tree to retrieve content related to the one keyword in
15 the speech request only [[,]] if the request includes at least one
16 keyword of the vocabulary.

1 2. (currently amended) The method of claim 1, wherein
2 further comprising the step of:

3 dynamically changing the vocabulary dynamically changes
4 based on the path traversed in the navigation tree.

1 3. (currently amended) The method of claim 1, wherein
2 the grammar further includes one or more rules corresponding to
3 said one or more keywords of the vocabulary, the method further
4 comprising the step of:

5 retrieving the content according to one or more rules
6 corresponding to ~~said at least~~ the one keyword included in the
7 request.

4, 5, 6. (canceled)

1 7. (currently amended) The method of claim [[6]] 1
2 further comprising the step of:

3 providing a prompt including one or more other keywords
4 of the vocabulary if a match for the one keyword is not found.

1 8. (currently amended) The method of claim 7 further
2 comprising the step of:

3 traversing a path in the navigation tree to retrieve
4 content related to a keyword selected from said one or more other
5 keywords included in the prompt.

1 9. (currently amended) The method of claim 1 further
2 comprising the step of:

3 narrowing the vocabulary of the grammar if the request
4 does not include at least one keyword of the vocabulary.

1 10. (currently amended) The method of claim 9 further
2 comprising the step of:

3 providing a prompt including one or more keywords of the
4 narrowed vocabulary; and

5 traversing a path in the tree to retrieve content related
6 to a keyword selected from said one or more keywords [[in]] of the
7 narrowed vocabulary.

1 11. (currently amended) The method of claim 10 further
2 comprising the step of:

3 expanding the vocabulary of grammar based on the path
4 traversed in the navigation tree.

1 12. (currently amended) The method of claim 1 wherein
2 the conventional markup language is Hyper Text Markup Language.

13 - 15. (withdrawn)

16 - 17. (canceled)

18 - 20. (withdrawn)

1 21. (currently amended) A method of browsing content
2 available on a communication network, the method comprising the
3 steps of:

4 navigating a navigation tree derived from a document
5 having content in conventional markup language format, the
6 navigation tree having a plurality of nodes, ~~the navigation tree~~
7 and being associated with a grammar comprising a vocabulary and
8 corresponding rules; ~~said method comprising:~~

9 visiting a first node in the navigation tree;
10 moving from the first node to a second node in the
11 navigation tree in response to [[the]] a user request in form of
12 speech, the second node having at least one keyword identifying
13 content held in the second node; and

14 expanding the grammar by adding to the vocabulary the
15 keyword of the second node.

22. (canceled)

1 23. (currently amended) The method of claim 21, further
2 comprising the step of:

3 providing an error message [[,]] if the user request is
4 not recognized.

1 24. (currently amended) The method of claim 21, further
2 comprising the step of:

3 comparing the request against to one or more keywords
4 included in the vocabulary; and

5 recognizing the request if the request is sufficiently
6 similar to one of the keywords.

1 25. (currently amended) The method of claim 24, wherein
2 recognizing comprises the substeps of:

3 selecting a number of keywords from the vocabulary that
4 are similar to the request;

5 for each selected keyword, assigning a value to the
6 selected keyword based on how similar selected keyword is to the
7 request; and

8 recognizing the keyword with the highest value.

1 26. (currently amended) The method of claim 25, further
2 comprising resolving an ambiguity in recognizing the request if the
3 selected keyword with the highest value is below a recognition
4 threshold.

1 27. (currently amended) The method of claim 26, wherein
2 resolving comprises the step of prompting the user to choose from
3 one of the selected keywords.

1 28. (currently amended) The method of claim 21,
2 comprising the step of:

3 expanding the grammar by adding to the vocabulary any
4 keywords associated with [[the]] nodes proximate the first node.

1 29. (original) The method of claim 21, wherein the
2 grammar is generated after the first node is visited.

1 30. (original) The method of claim 21, wherein the
2 grammar is generated before the first node is visited.

1 31. (currently amended) The method of claim 21, further
2 comprising the step of:

3 building a greeting based on the keyword of the second
4 node.

1 32. (currently amended) The method of claim 21, further
2 comprising the steps of:

3 generating a prompt based on the portion of the content
4 included in the first node; and

5 playing the prompt to provide a plurality of options to
6 select from the portion of the content included in the first node.

1 33. (original) The method of claim 21, wherein the
2 first node is a routing node which refers to other nodes in the
3 navigation tree.

4 34. (currently amended) The method of claim 33, further
5 comprising the steps of:

6 generating a prompt based on the other nodes referred to
7 by the first node; and

8 playing the prompt to provide a plurality of options for
9 moving from the first node to one of the other nodes.

1 35. (currently amended) The method of claim 21, wherein
2 the first node is a form node associated with one or more editable
3 fields.

1 36. (currently amended) The method of claim 35, further
2 comprising the step of:

3 generating a prompt based on the editable fields.

1 37. (currently amended) The method of claim 36, further
2 comprising the step of:

3 playing the prompt to provide a plurality of options for
4 selecting from the editable fields.

1 38. (currently amended) The method of claim 36, further
2 comprising the step of:

3 moving through the editable fields in a prearranged
4 order.

1 39. (currently amended) A method of browsing contact
2 available on a communication network, the network comprising the
3 steps of:

4 navigating a navigation tree derived from a document
5 having content in conventional markup language format, the
6 navigation tree having a plurality of nodes, ~~the navigation tree~~
7 and being associated with a grammar comprising a vocabulary and
8 corresponding rules; ~~said method comprising:~~

9 visiting a first node in the navigation tree;
10 moving from the first node to a second node in the
11 navigation tree in response to [[the]] a user request in form of
12 speech, the second node having at least one keyword identifying
13 content in the second node; and

14 expanding the grammar by adding to the vocabulary the
15 keyword of the second node;

16 indicating that the first node is visited by providing a
17 first message; and

18 indicating that no user request has been received by
19 providing a second message.

1 40. (currently amended) The method of claim 39, further
2 comprising the step of:

3 providing a third message with one or more options if no
4 user request is received in response to the second message.

1 41. (currently amended) The method of claim 39, wherein
2 the first node is a content node having at least a portion of the
3 content, the method further comprising the step of:

4 providing a third message with one or more options to
5 select from the portion of the content associated with the content
6 node.

1 42. (currently amended) The method of claim 39, wherein
2 the first node is a routing node which refers to the nodes of the
3 navigation tree, the method further comprising the step of:

4 providing a third message with one or more options for
5 moving to the other nodes.

1 43. (currently amended) The method of claim 42, wherein
2 the first node is a form node having one or more editable fields,
3 the method further comprising the step of:

4 providing a third message, with one or more options to
5 select from one or more editable fields.

44 - 53. (withdrawn)